Abstract

The invention provides a membrane filter system, comprising at least one vessel in which there are arranged a plurality of aerated filter modules (7) through which medium can flow in parallel and which can be removed individually from the membrane filter system, one filter module comprising a plurality of identical membrane units. What is novel is that the vessel is divided into a plurality of spaces by plates arranged normally with respect to the direction of flow through the filter modules (7), at least one space (3; 9; 13; 14) of the plurality of filter modules (7) serving for the common supply of suspension that is to be filtered, for the common discharging of retentate or for the common discharging of permeate. This allows filter modules (7) to be arranged closer together, since there is no need for the piping of the individual filter modules for tapping off the permeate and/or the retentate and/or for supplying suspension (feed) that is to be filtered.

(Fig. 1)